

Transmittal/Review/Approval		FILE NAME TO N3943018F4044-025 Solid Waste MGMT Plan	DATE 06/14/2018
CONTRACT NO N39430-15-D-1632/TO 18F4044		TITLE Fill in Project Title/Location Here Repair of Aboveground/Underground Fuel Pipelines and Associated Components in 46 Locations, Mainly Valve Pits at DFSP, Guam	
FROM (CONTRACTOR) APTIM Federal Services, LLC., 12005 Ford Rd. Suite 600, Dallas, TX 75281		TO Facilities Engineering & Acquisition Division, Public Works Department, Naval Base, Guam	SUBMITTAL NO. 025
		FOR SPEC. SECTION 01 57 19.00 20	
		AddDel	
ENCL. NO.	NO. OF COPIES	DESCRIPTION	SPEC. SEC.PARA./DWG.NO.
1	1	Solid Waste Management Plan	3.3
DATE NEEDED BY:			
TRANSMITTED FOR: ☒ APPROVAL ☐ CLARIFICATION ☐ SELECTION ☐ RECORD ☐ VARIANCE			
It is hereby certified that the material submitted herein conforms to contract requirements and can be installed in the allocated spaces.		CONTRACTOR'S REPRESENTATIVE NAME/TITLE Martin Morgan, Project Manager	SIGNATURE:  Digitally signed by Martin Morgan DN: cn=Martin Morgan, o=APTIM, ou=Federal Services, email=Martin.Morgan@APTIM.com, c=US Date: 2018.06.14 15:35:45 +10'00'
Received By (Print Name & Sign) /Date/Time: _____			
FROM: 		SIGNATURE: 	DATE:
TO: 		For review/comment (1) copies of enclosures forwarded. RETURN WITHIN (20) WORKING DAYS, unless submittal is for record/info purposes only and there are no adverse comments.	
Received By (Print Name & Sign) /Date/Time: _____			
FROM: 		TO: 	DATE:
RECOMMEND:			
☐ APPROVAL/ACCEPTANCE, subject to contract requirements		☐ DISAPPROVAL	
☐ APPROVAL/ACCEPTANCE, as noted, subject to contract requirements		☐ REVIEWED AND PROCEED	
☐ RETURN for correction and resubmission		☐ _____	
REMARKS:			
☐ copies of encls retained		SIGNATURE: _____	
Received By (Print Name & Sign) /Date/Time: _____			
FROM: 		TO (CONTRACTOR) / ATTENTION: 	DATE:
Enclosure(s) is (are):			
☐ APPROVED/ACCEPTED, subject to contract requirements		☐ DISAPPROVED	
☐ APPROVED/ACCEPTED, as noted, subject to contract requirements		☐ NOT REVIEWED	
☐ RETURNED for correction and resubmission		☐ RECEIVED FOR RECORD	
REMARKS: Disposal manifest is required for all waste removed from site.			
File Name:			
☐ copies of encls returned		SIGNATURE CATAGUE.CRISANTO.J.1300269091 Digitally signed by CATAGUE.CRISANTO.J.1300269091 Date: 2018.07.02 11:09:53 +10'00'	
Copy to: Contract File (w/encls) ConRep/ET (w/encls) CME (w/encls)		BY DIRECTION OF THE CONTRACTING OFFICER	
Received By (Print Name & Sign) /Date/Time: _____			



SUBMITTAL REVIEW

Contract No: N39430-15-D-1632
Task Order: 18F4044

Project Title: Repair of Aboveground/
Underground Fuel Pipelines and Associated
Components in 46 Locations, Mainly Valve Pits
Project Location: DFSP, Guam

"I hereby certify that the documents shown and marked in this submittal are that proposed to be incorporated with Contract Number N39430-15-D-1632, Task Order 18F4044 are in compliance with the contract documents, and are submitted for Government approval."

Per UFGS 01 57 19.00 20; Paragraph 3.3; Solid Waste Management Plan.

Certified by Quality Control Manager

QCM Name: Joonu Thomas

A handwritten signature in blue ink, appearing to read 'Joonu Thomas', written over a horizontal line.

Signature: _____

Date: 14-June-2018

SOLID WASTE MANAGEMENT PLAN

Repair of Aboveground / Underground Fuel Pipelines & Associated Components in 46 Locations, Mainly Valve Pits, DFSP Guam

NAVFAC EXWC Contract No. N3943015D1632

Task Order 18F4044

APTIM Project No. 501083; 13 June 2018

REFERENCE:

Solid Waste Management Plan (SWMP) Temporary Environmental Controls: UFGS Section 01 57 19.00 20, Page 18, Paragraph 3.3

1. Responsible Personnel

The APTIM Environmental Manager will be the Quality Control (QC) Manager or the QC Alternate. They shall be responsible for instructing workers and overseeing and documenting results of the Solid Waste Management Plan (SWMP) for the project. APTIM employees and subcontractor staff will be informed of SWMP requirements during Project Orientation Training, Three-Phase Preliminary and Initial Control meetings, at daily tailgate briefings and at corrective action briefs if needed.

2. Waste Generation

The majority of waste that is expected to be generated during this project consists of non-hazardous solid waste such as general construction debris, used personal protective equipment (PPE), daily trash, limited packaging materials for construction products, etc. Hazardous waste is expected to be encountered as well, in the form of lead-based paint (LBP) and asbestos-containing material (ACM). A breakdown of expected wastes is outlined below.

Non-Hazardous Solid Waste – Construction Debris

Used construction debris, having no practical use or economic benefit, shall not be source separated, but collected in a covered, combined-waste bin at the construction site and disposed of at an approved landfill. Construction debris is expected to be generated at all active work areas throughout the Task Order period of performance. Daily housekeeping will assure that trash and debris are contained and disposed of properly. A licensed waste transportation and disposal subcontractor will be used for transportation to the local landfill.

- Estimated Quantity: 39 cubic yards or less (1 to 1.5 cubic yards per month throughout the construction period of performance, November 2018 through December 2020)
- Planned Disposal Site: Layon Municipal Sanitary Landfill

Non-Hazardous Solid Waste – Sandblast Media

Only non-hazardous blast media shall be used. Other coating debris such as non-hazardous empty paint cans, will be collected separately for off-base, municipal solid waste landfill disposal. A licensed waste transportation and disposal subcontractor will be used for transportation to the local landfill.

- Estimated Quantity: 6 cubic yards (approximately 1/8 cubic yard, average, per valve pit)
- Planned Disposal Site: Layon Municipal Sanitary Landfill

Before any in-situ metal components are primed and re-coated, surfaces will be prepared in accordance with designed specification for surface preparation, which may include cleaning to remove any residual chlorides. All resulting waste, from this activity, will be captured, removed, documented and properly disposed at a permitted landfill.

Non-Hazardous Solid Waste – Concrete Debris from Valve Pit Demolition

Current scope of work requires concrete demolition at FOR Valve Pits ‘A’, ‘B’, ‘C’ and ‘D’ and Master Valve Pit 3. A licensed waste transportation and disposal subcontractor will be used for transportation to the local landfill.

- Estimated Quantity: 20 cubic yards (3 to 4 cubic yards of concrete per location)
- Planned Disposal Site: Layon Municipal Sanitary Landfill

Hazardous Solid Waste – Lead Based Paint (LBP)

Existing metal structures to be demolished at various valve pits and at Transfer Pump House 1712 Manifold Pit, including canopies, handrails, base plates, ladders, and existing valve pit piping, may be coated with LBP. Areas where LBP are anticipated shall be inspected by a Certified Industrial Hygienist (CIH) and tested, analyzed and classified by a licensed laboratory, prior to commencement of construction activities. A Lead Assessment Report shall be submitted, clearly documenting the results of the laboratory analysis. Based on the Lead Assessment Report, a Lead Abatement Plan (LAP) may be required if LBP concentrations are above the allowable limits for normal demolition. In the event an LAP is required, the same shall be prepared by a Certified Industrial Hygienist (CIH, in accordance with UFGS Section 02 83 13.00 20: *Lead in Construction* and UFGS Section 02 82 33.13 20: *Removal/Control and Disposal of Paint with Lead* and submitted for approval. Only properly trained and certified personnel shall be allowed to perform demolition work where LBP has been confirmed and all work shall conform to the provisions of the approved LAP.

Hazardous Solid Waste - Asbestos Containing Material (ACM) (May or May not be Regulated)

Similar to the above LBP inspection and testing activities, the areas anticipated to contain Asbestos Containing Material (ACM) include FOR Valve Pits ‘A’, ‘B’, ‘C’ and ‘D’. These four valve pits shall be inspected, tested and analyzed. An Asbestos Inspection Report will be submitted clearly documenting the results of the laboratory analysis. Based on the

Asbestos Inspection Report, an Asbestos Abatement Plan (AAP) may be required if ACM concentrations are detected. In the event an AAP is required, the same will be prepared by a CIH and submitted for approval. Only properly trained and certified personnel will be allowed to perform asbestos removal in accordance with the provisions of the approved AAP. Should discovery of non-disclosed asbestos occur, work will immediately stop and the work area will be vacated. Immediate notification will be provided to the Contracting Officer for resolution of the situation.

3. Reuse and Recycling

Due to the type of work being executed under this Task Order, the application of material reuse, recycling, salvage, composting and other Leadership in Energy and Environmental Design (LEED) waste diversion/reduction requirements are not practical.

4. Permits

Solid waste transport and disposal permits and/or licenses will be the responsibility of the transportation and disposal subcontractor. Copies of permits and licenses will be provided in the final solid waste closeout report.

5. Reports

No chemical wastes, rubber products, solvents, adhesives, aerosols and similar products are expected to be generated during construction activities. A Solid Waste Management Report (SWMR) will be prepared and submitted in accordance with UFGS Section 01 57 19.00 20, Paragraph 3.2.1. Note: current practice is to submit the monthly SWMR with each monthly invoice, this practice will remain in effect unless otherwise redirected by the responsible Government Representative. The SWMR will provide the required "Waste Determination" information for each type of solid waste removed from the project.

In addition to monthly Solid Waste Management Reports, a final solid waste closeout report will be submitted. This report will include transportation and disposal subcontractor receipts, manifests, or other available documentation including landfill acceptance reports, and solid waste disposal locations.